

Susan J. Seestrom
Associate Director (Acting), Weapons Physics
Los Alamos National Laboratory

Susan J. Seestrom was named acting Associate Director for Weapons Physics in January 2004. She leads six divisions that execute program work in experimental, simulation and weapon physics assessment, with direct responsibility for theoretical and experimental science throughout the laboratory that contributes to certification of nuclear weapon performance and safety.

Beginning in November 2000, Seestrom served as leader of the Physics Division, after serving as acting deputy division director and for three years as deputy leader of the Neutron Science and Technology Group within the Physics Division. When she was selected to the Physics Division, Seestrom's strong background in experimental physics was noted. Her distinguished research career in nuclear physics has focused on studies of nuclear structure with medium-energy probes and on symmetry violation using low-energy neutrons. Most recently, she has been involved in the development of novel sources of ultra-cold neutrons.



Seestrom came to the laboratory as a director-funded post-doctoral fellow in 1981 and became a member of the technical staff in 1986. She holds doctoral and bachelor's degrees in physics from the University of Minnesota; she continued as a research associate with the University while she worked at the laboratory after receiving her doctorate in 1981.

Seestrom was named a Fellow of the American Physical Society in 1994, and has served on the Council and Executive Board of the APS and the Executive Committee of the Division of Nuclear Physics. She is currently Vice-Chair of the Division of Nuclear Physics of the American Physical Society.